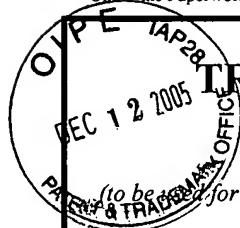


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# TRANSMITTAL FORM

*(to be used for all correspondence after initial filing)*

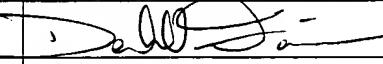
Total Number of Pages in This Submission 10 Attorney Docket Number 1391-41100 DVF

Application Number	10/634,577
Filing Date	August 5, 2003
First Named Inventor	Michael Fripp
Art Unit	2635
Examiner Name	Kimberly Y. Jenkins

## ENCLOSURES (check all that apply)

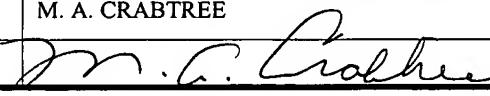
<input checked="" type="checkbox"/> Fee Transmittal Form  <input type="checkbox"/> Fee Attached	<input type="checkbox"/> Drawing(s)  <input type="checkbox"/> Licensing-related Papers  <input type="checkbox"/> Petition  <input type="checkbox"/> Petition to Convert to a Provisional Application  <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address  <input type="checkbox"/> Terminal Disclaimer  <input type="checkbox"/> Request for Refund  <input type="checkbox"/> CD, Number of CD(s)  <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to Group  <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences  <input type="checkbox"/> Appeal Communication to Group ( <i>Appeal Notice, Brief, Reply Brief</i> )  <input type="checkbox"/> Proprietary Information  <input type="checkbox"/> Status Letter  <input type="checkbox"/> Other Enclosure(s) ( <i>please identify below</i> ):
Remarks		

## SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm	CONLEY ROSE, P. C.		
Signature			
Printed name	DEREK V. FORINASH		
Date	December 7, 2005	Reg. No.	47,231

## CERTIFICATE OF TRANSMISSION/MAILING

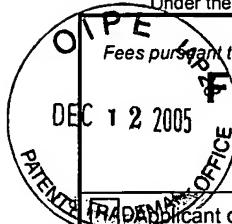
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.

Typed or Printed Name	M. A. CRABTREE		
Signature		Date	December 7, 2005

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P. O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450.

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Effective on 12/08/04.  
Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).  
**FEET TRANSMITTAL**  
**For FY 2005**

Independent claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 00.00)

**Complete if Known**

Application Number	10/634,577
Filing Date	August 5, 2003
First Named Inventor	Michael Fripp
Examiner Name	Kimberly Y. Jenkins
Art Unit	2635
Attorney Docket No.	1391-41100 DVF

**METHOD OF PAYMENT** (check all that apply)
 Check     Credit Card     Money Order     None     Other (please identify): \_\_\_\_\_

 Deposit Account    Deposit Account Number: 03-2769    Deposit Account Name: Conley Rose, P.C.

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

 Charge fee(s) indicated below     Charge fee(s) indicated below, except for the filing fee

 Charge any additional fee(s) or underpayments of fee(s)     Credit any overpayments  
under 37 CFR 1.16 and 1.17

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

**FEE CALCULATION****1. BASIC FILING, SEARCH, AND EXAMINATION FEES**

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		
	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fees Paid (\$)
Utility	300	150	500	250	200	100	_____
Design	200	100	100	50	130	65	_____
Plant	200	100	300	150	160	80	_____
Reissue	300	150	500	250	600	300	_____
Provisional	200	100	0	0	0	0	_____

**2. EXCESS CLAIM FEES**Fee Description

	<u>Small Entity</u>
	<u>Fee (\$)</u>
Each claim over 20 (including Reissues)	50                          25
Each independent claim over 3 (including Reissues)	200                          100
Multiple dependent claims	360                          180

Total Claims	Extra Claims	Fee (\$)	Fee Paid (\$)	Multiple Dependent Claims
24	- 24 or HP = 0	x	= 00.00	Fee (\$)

HP = highest number of total claims paid for, if greater than 20

Indep. Claims	Extra Claims	Fee (\$)	Fee Paid (\$)
4	- 4 or HP = 0	x	= 00.00

HP = highest number of independent claims paid for, if greater than 3

**3. APPLICATION SIZE FEE**

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof	Fee (\$)	Fee Paid (\$)
_____	- 100 = _____ / 50 = _____	(round up to a whole number)	x _____ = _____	_____

**4. OTHER FEE(S)**

Non-English Specification, \$130 fee (no small entity discount) \_\_\_\_\_

Other (e.g., late filing surcharge): \_\_\_\_\_

**SUBMITTED BY**

Signature		Registration No. (Attorney/Agent)	47,231	Telephone	(713) 238-8000
Name (Print/Type)	DEREK V. FORINASH			Date	December 7, 2005

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450. If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANTS:	Michael Fripp, Neal G. Skinner and Wilson C. Chin	§	ART UNIT: 2635
SERIAL NO.:	10/634,577	§	EXAMINER:
FILED:	August 5, 2003	§	Kimberly Yvette Jenkins
FOR:	Electroactive Fluid Controlled Mud Pulser	§	CONFIRMATION NO.: 6984

RESPONSE TO OFFICE ACTION DATED SEPTEMBER 16, 2005

Atty. Dkt. No.: 1391-41100  
Client Ref. No.: 2000-IP-001719  
Date: December 7, 2005

Mail Stop Amendments  
Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA. 22313-1450

Sir:

In response to the Office Action of September 16, 2005, please amend the above-identified application as follows:

**Amendments to the Claims** are reflected in the listing of claims which begin on page 2 of this paper.

**Remarks** begin on page 6 of this paper.